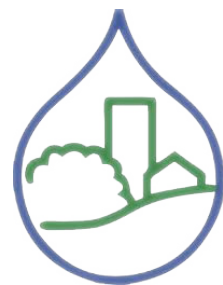


WINTER 2023 NEWSLETTER - VOL. 10, NO. 1

THE CONSERVATION ADVOCATE



"Wise Stewardship of Our Natural Heritage"

2023 WINTER EDITION

THE TREE & PLANT SALE IS HERE NOW!

THE 2023 TREE & PLANT SALE IS HERE!
ORDER ONLINE NOW THROUGH MARCH 24, 2023
montgomeryswcd.org/store

ORDER DEADLINE: MARCH 24, 2023
LIMITED QUANTITIES:

Place your order early!

All orders will be ONLINE ONLY. If you need assistance with placing your order, we can assist you during regular business hours.

**ORDER
ONLINE
NOW!**



UPCOMING EVENTS

Feb. 1st Board of Supervisors Mtg.
Feb. 20th Office Closed/Supervisors Day
Mar. 1st Board of Supervisor Mtg.
Mar. 10 Team Registration/Envirothon Due
Mar. 24th Tree and Plant Sale Ends
Apr. 5th Board of Supervisors Mtg.
Apr. 6th & 7th Tree/Plant Sale Pick Up
Apr. 12th Montgomery/Greene County
Envirothon, Sycamore State Park
Apr. 22nd Earth Day
Apr. 25th Area IV Envirothon

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Follow the link from:
www.MontgomerySWCD.org; click on "STORE".

- Montgomery County sales tax of 7.25% is included in your sale price.
- Order Deadline: March 24, 2023.
- Pick-Up Dates/Times: April 6th and 7th, 8:00AM- 5:00 pm
- Pick Up Location: Montgomery SWCD Office, 10025 Amity Road, Brookville, Ohio 45309
- Extra Sale Items: Any extras will be available for sale during order pick-up on a first come, first served basis. Any extra items can be paid for with cash or check only.
- Abandoned orders: Any orders left five business days after the pick-up date will be donated at the discretion of the Montgomery SWCD, and no refunds will be granted.
- Please remember: These trees and shrubs are bare rooted tree seedlings, not fully grown trees. Most orders fit into one or two grocery bags.
- Anyone may purchase from this sale.
- To keep costs low, we cannot furnish replacement, guarantees, or mail or deliver orders.
- We reserve the right to make substitutions if necessary.

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To Contact Us

Dial 937-854-7646, followed by the employee extension:

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Board of Supervisors

Bruce Flora, Fred Glander, Dr. Mark
Judy, Andrew O'Diam & Duane
Plessinger

FROM THE EDUCATOR'S DESK: THE YEAR IN REVIEW

2022 was a busy year and we loved the interactions we were able to have with our Montgomery County Residents.

We published four newsletters with a hard copy distribution of 1700+ and had an additional 900 digital subscribers.

In person programs included the following:
A joint pond clinic with Preble SWCD that attracted 80 attendees. (We're back in Montgomery County for 2023.)

Our annual meeting and Fall Family Festival at Sycamore farm had over 750 attendees.

Display and presentation at 2nd Street Market on rain barrels, a booth at the Montgomery County Fair, the WPAFB Pollinator Expo and also at the Brookville Community Picnic.

Conducted our annual plant and tree sale with 7500 trees and 600 potted plant provided to the community.

Conducted educational programming at Brookville Elementary, Vandalia High School, Bishop Leibold, Kettering Middle School, Dayton Public Schools and the Miami Valley CTC. Over 500 students served.

Conducted three summer programs for Dayton Metro Library system.

Presented a \$500 scholarship to Grant Helsinger, a senior from Valley View High School.

Hosted our Montgomery County FFA soils contest at the Fred Glander Farm for 140 area high school students from 4 area high schools.

Staff conducted the county Envirothon at Sycamore State Park. Three teams from the county participated in the State Envirothon with Centerville High School winning. They represented Ohio at the National competition in July.

Conducted two are river clean-up projects one on the Stillwater and one on the Great Miami River. Volunteers removed more than 1000 pounds of trash.

Worked with the Brookville Fire Department and OSU to provide grain bin rescue training to fire professionals from 14 jurisdictions.

Conducted two town hall meetings for residents of Clayton regarding storm water and drainage issues.

Maintained the web page and social media account. Peak of 15,000 interactions.

Cooperated with the OSU Cooperative Extension Service to provide a program on soil health for the OSU Master Gardener Volunteers.

THE WINTER TREE & PLANT SALE IS HERE!
ONLINE ORDERING ONLY AT:
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Common Residential Stormwater Pollutants, Their Sources & How to Manage



EVERYDAY ACTIONS YOU CAN TAKE TO PREVENT STORMWATER POLLUTION:

- 1** Only rain in the storm drain! Stormwater flows untreated to our rivers, washes, and retention areas.
- 2** Put trash and recyclables in their place.
- 3** Clean up after your pet.
- 4** Apply lawn-chemicals sparingly and follow manufacturer's directions.
- 5** Properly dispose of leftover paint and household chemicals at a household hazardous waste event.

POLLUTANT	COMMON SOURCE	MANAGEMENT EXAMPLE
Sediment	Home construction, stream-bank erosion, eroding ditches, base spots in lawns.	Proper permitting for home grading and construction, restore stream buffers, cover bare spots in lawns.
Nutrients	Animal wastes, fertilizers, soap from washing cars, grass clippings, septic systems.	Scoop animal waste, reduce use of fertilizers, wash car on lawn or in car wash, plant native species, create rain gardens, establish stream buffers.
Chemicals	Misapplication of pesticides, herbicides, improper disposal of chemicals, home car repairs, de-icers.	Proper car maintenance, proper disposal of hazardous wastes, reduce use of de-icers.
Trash	Uncontained garbage.	Contain garbage in cans, pick up litter.



**Mark Your Calendars! 2023 Family Fall Fest
at Sycamore Farm
Saturday, September 9th, 10AM-4PM
Featuring Flat Out Band Performing 11-3**

Winter Tree & Plant Sale

This Year's Lineup

Tree/Plant Sale!

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NEW! Spicebush (12"-18")

Spicebush is a deciduous shrub that may grow to 8 to 15 feet. Leaves produce a spicy odor when crushed. In early spring, small, yellow flowers mature in axillary clusters. The shrub produces a bright red drupe with a peppery taste and scent. The fruit matures in the fall. This plant is dioecious, which means female fruit sets need male pollinator plants to reproduce. This plant has good, yellow fall color. Great for wildlife. 5 for \$10; 25 for \$45.

River Birch (12"-18")

This fast growing tree is distinctive because of its spreading limbs, pale yellow fall leaves and peeling bark which add winter interest. It is very valuable to birds for seeds and nesting. Grows 40-70' tall and up to 60' wide in full sun to part shade and medium to wet soils. 5 for \$10; 25 for \$45.

Black Cherry (12"-18")

This fast growing tree produces clusters of white blooms in the spring and red to purple fruit loved by wildlife as well as useful for making jam. The fall leaf color is yellow to rose. Grows up to 60' tall and 30' wide in full sun to part shade. 5 for \$10; 25 for \$45.

White Flowering Dogwood (12"-18")

This tree has beautiful white flowers in the spring and red-purple leaves in the fall. The shiny fruit attracts song and game birds as well as other wildlife. Grows 15-40' tall and prefers moist, rich soil. 5 for \$10; 25 for \$45.

Bitternut Hickory (12"-18")

This large, native North American tree is best reserved for large landscapes. Popular with wildlife species. Grows 60-70' tall in moist, well drained soil in full sun to part shade. 5 for \$10; 25 for \$45.

Sugar Maple (18"-24")

The medium to dark green leaves become a brilliant scarlet, burnt orange or yellow in the fall. The sap can be used to make syrup. Grows up to 75' tall and prefers full sun to part shade and moist soils. 5 for \$10; 25 for \$45.

White Oak (12"-18")

This tree grows well in a variety of soil moistures and types and is resistant to air pollution and heat stress. It features large acorns and leathery dark leaves that turn yellow-brown in the fall. This tree attracts birds and other small wildlife. Grows 60-80' tall in full sun in a variety of soil moistures and types. 5 for \$10; 25 for \$45.

Red Oak (18"-24")

This relatively fast growing tree is tolerant of urban conditions. The dense green foliage turns deep red in the fall and is valuable to wildlife, moths and butterflies. Grows 70-80' tall in full to part sun and dry to medium soils. 5 for \$10; 25 for \$45.

Paw Paw (12"-18")

Two trees are needed for a paw paw to produce fruit. It has maroon flowers in the spring and the custard-like fruit ripens in the late summer to fall. Grows 12-20' in full sun and deep fertile soils. 5 for \$10; 25 for \$45.

Persimmon (12"-18")

More than one tree is required for a good fruit set. The leaves turn yellow to reddish-purple in the fall and the orange fruit is sweet after the first frost. Grows 30-60' tall in full sun to part shade and moist to dry soils. 5 for \$10; 25 for \$45.

Tulip Poplar (12"-18")

This fast growing tree has bright green leaves that resemble tulip flowers in profile. Greenish yellow flowers grow high in the tree on aromatic stems. This species is very attractive to bees. Grows 80-150' and prefers moist well-drained soil in full sun but, will tolerate part shade. 5 for \$10; 25 for \$45.

Sycamore (12"-18")

Fast growing and versatile, this tree is useful for streambank stabilization with its aggressive root system. Its unique bark starts out red-brown, then peels as the tree grows to reveal tan, gray, green, and white as well as having brilliant fall foliage. This tree has a high value to wildlife and attracts a variety of birds. Grows 100' in well-drained, fertile soil with full to partial sun. 5 for \$10; 25 for \$45.

Northern Catalpa (12"-18")

This tree features large heart-shaped leaves, dangling bean seed pods and a twisted trunk and branches. Large, trumpet shaped white flowers appear in May and June. Grows 40-60' in moist, rich soils with full sun to partial shade. 5 for \$10; 25 for \$45.

Redbud (12"-18")

Tight clusters of red-pink flowers cover the twigs for two to three weeks in the spring. Medium heart-shaped leaves do not have a significant fall color but the maroon-purple trunk adds interest. Grows 20-30' in well drained soil and partial shade. 5 for \$10; 25 for \$45.

Bald Cypress (12"-18")

This stately pyramidal tree has bright yellow-green needles in the spring that turn to orange and to brown in the autumn. Unlike most conifers, this tree is deciduous and its adaptability make it great for a rain garden. Squirrels, turkeys and waterfowl eat the seeds. Grows 50-70' tall and 25' wide and adapts to a wide range of soil type and moisture. 5 for \$10; 25 for \$45.

**ORDER TREES & PLANTS EARLY (ONLINE ONLY) AT:
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2023 Winter Tree & Plant Sale

Order Online at: montgomeryswcd.org/store

Tree/Plant Sale!



White Pine (8"-12")

A fast growing tree with soft blue-green needles that has a root system strong enough it can be used as a windbreak. The seeds are eaten by small mammals and songbirds. Grows 75-100' and prefers moist sandy loam and full sun. 5 for \$10; 25 for \$45.

White Spruce (18"-24")

This tree is popular for ornamental groupings, Christmas trees, visual screens, and windbreaks in both rural and urban areas. While it has many commercial uses, it is also an important source of food and shelter for several types of wildlife. Grows 40-60' in moist soil and full sun. 5 for \$10; 25 for \$45.

Button Bush (12"-18")

Deciduous shrub cultivated as a pollen and nectar resources for honeybees. Often used to develop or restore wetlands. A nice ornamental. Fragrant flowers mid to late summer. Grow 6-8' tall and will tolerate wet soils. 5 for \$10; 25 for \$45.

Common Witch Hazel (12"-18")

Large shrub with picturesque branching habit. A great specimen plant. Full sun to partial shade with well drained soil. Grows 10-25'. 5 for \$10; 25 for \$45.

Black Elderberry (12"-18")

Fast growing with white flowers that bloom in the summer and blue-black berries that are attractive to wildlife and can be used to make jelly, preserves and wine. Grows up to 10' tall and 8' wide in full sun with any soil type and is wetland tolerant. 5 for \$10; 25 for \$45.

American Hazelnut (12"-18")

Also known as the American Filbert, two are needed for nut production. This medium fast grower is good for nonformal areas or naturalizing areas. The nut attracts a variety of song and game birds as well as some small mammals. Grows up to 16' tall and 13' wide and is adaptable to moist or dry soils. 5 for \$10; 25 for \$45.

Black-Eyed Susan (Rudbeckia "Goldstrum")

This cheerful, bright yellow flower has daisy-like petals with a dark disk in the center. The leaves are oval shaped and covered with bristly hairs that give it a slightly rough texture. Grows 1-2' stems in dry to moist soil and full sun. \$10 each 1 gallon pot.

Blue False Indigo (Baptisa australis)

This deep blue flower with blue-green foliage is deep rooted, slow growing and long lived. Grows 3-5' in full sun and dry to moist soil. \$10 each 1 gallon pot.

Blue Flag Iris (Iris versicolor)

The violet-blue flowers are accented with yellow and provides nectar to native bees and hummingbirds. Grows 2-3' high and wide in moist to wet soil and part shade to full sun. \$10 each 1 gallon pot.

Butterfly Weed (Asclepias tuberosa)

The bright orange blossoms can bloom anytime from May through September. It is of special value to native bees and makes a beautiful cut flower. Grows 2-3' high in full to part sun and well drained, dry to moist soils. \$10 each 1 gallon pot.

Cardinal Flower (Lobelia cardinalis)

The showy red flower is particularly attractive at the end of a wooded area and attracts hummingbirds. Grows 2-5' in full sun to nearly full shade and wet to moist soil. \$10 each 1 gallon pot.

Magnus Coneflower (Echinacea "Magnus")

Common in pollinator plots, the seed heads attract birds and are valuable to native bees. The long lasting flower is also attractive in gardens and flower arrangements. Grows 2-3' stems in well drained soils and full to partial sun. \$10 each 1 gallon pot.

Great Blue Lobelia (Lobelia siphilitica)

Grows a showy spike of blue flowers from July through September and is great for a rain garden or woodland garden. The flowers attract native bees. Grows 2-3' tall and does best in medium to wet soils and full sun to part shade. \$10 each 1 gallon pot.

Lavender (Lavendula "Munstead")

This long blooming plants features a silvery-gray stem and fragrant purple flowers. It attracts bees and butterflies and is rabbit and deer resistant. It is great for borders, edging, containers, mass plantings, and landscaping. It also makes a beautiful cut or dried arrangement. Grows 12-18 inches high and wide and prefers well drained soil and full sun. \$10 each 1 gallon pot.

Swamp Milkweed (Asclepias incarnata)

The bright orange blossoms can bloom anytime from May through September. It is of special value to native bees and makes a beautiful cut flower. Grows 1-2' in moist or wet soil with sun or part shade. \$10 each 1 gallon pot.

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Winter Twig ID Quiz

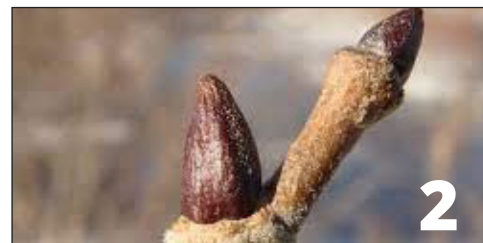
(How many can you identify?)

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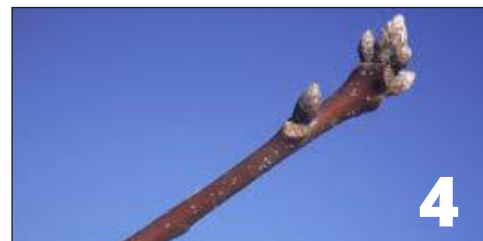
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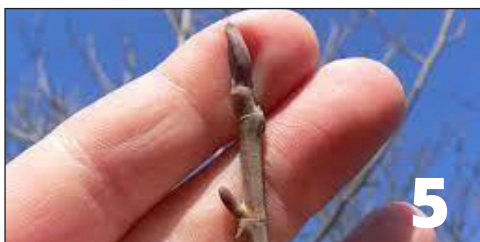
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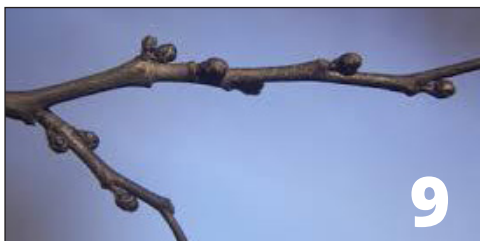
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7



8



9

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2. Sycamore
3. Buckeye
4. Red Oak
5. Tulip
6. Flowering Dogwood
7. Green Ash
8. Shagbark Hickory
9. Redbud

20 MOST COMMON BACKYARD WINTER BIRDS IN OHIO

1. Northern Cardinal (48%)
2. Blue Jay (41.4%)
3. Downy Woodpecker (40.8%)
4. Red-bellied Woodpecker (36.1%)
5. White-breasted Nuthatch (34.8%)
6. Dark-eyed Junco (32.7%)
7. American Goldfinch (30.3%)
8. Tufted Titmouse (30.2%)
9. House Sparrow (30%)
10. American Crow (29.4%)
11. Mourning Dove (29.3%)
12. European Starling (28.2%)
13. House Finch (24.7%)
14. Song Sparrow (24.5%)
15. Carolina Chickadee (24.1%)
16. American Robin (23.5%)
17. Carolina Wren (21.4%)

18. American Tree Sparrow (19.1%)
19. White-throated Sparrow (18.9%)
20. Black-capped Chickadee (18%)



Statistics are from records on summer and winter checklists submitted by bird watchers from across the state.

6 BENEFITS OF LANDSCAPING WITH NATIVE PLANTS

Throughout the year, homeowners across the country plant a wide variety of plants to improve their landscaping. However, most homeowners do not know how landscaping with native plants can benefit your garden and environment. Native plants have evolved over the years to the habitat they live in, giving you great benefits and a reason to plant them. Landscaping with native plants can save you more money, time, and resources than non-native plants.

1. Save Money and Water

Since native plants are accustomed to their habitat, they are able to hold water better than non-native plants, which will save you significant amounts of water. Native plants can adapt to the typical amount of precipitation an area receives. Preserving water will lead to lower water expenses and increased savings.

2. Better Resistance to Local Weather

Native plants also tend to withstand the environment better than non-native plants. This allows them to withstand harsh weather and grow back the following year. Every year the plant grows back is another year you do not have to purchase a new plant to replace those that did not survive.

3. Less Maintenance

Native plants are typically more resistant to disease, drought and other environmental risks than other plants. They can spread quickly to crowd out any weeds, which means less maintenance and upkeep for you. Many native plants grow in such a fashion that pro-

ducts the soil from being flooded with water. This means landscaping with native plants will keep the soil rich and allow these plants to flourish in the environment.

4. Restores Natural Habitats

By landscaping with native plants in your yard, you are contributing to a natural habitat for the animals that reside in the area. Native plants typically produce, fruit, nectar, nuts, and seeds, which provide a natural source of food for many birds and animals within the area. In some areas, large amounts of wildlife depend on these plants and other natural sources to survive.

5. Rarely Invasive

Most native plants are not invasive and will allow all other plants in your garden or yard to grow freely. Plants that are invasive will only make landscaping more difficult. Invasive plants will control the growth of all other plants in the area—costing you valuable time and money. With less invasive plants, you have many more options with the open space provided.

6. No Fertilizer or Pesticides Needed

Because they are adapted to the specific climate of the region, native plants can defend themselves against indigenous insects, fungi, and disease. So instead of spraying the plants with artificial pesticides, they have a natural built-in defense system to protect themselves. By not having to use pesticides on your plants, you're saving time, money, and helping to not pollute your environment and not causing damage to other plants.

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